

SAMPLING STOCKPILED AGGREGATES ITM 207

APPARATUS

- ☐ Square-tipped shovel for coarse aggregate sampling
- ☐ Fire shovel or sampling tube for fine aggregate sampling. Sampling tube is 3 in. minimum in diameter and 3 ft minimum in length
- ☐ Front-end loader

PROCEDURE

Stockpile Construction

- ☐ Front-end loader obtains material from stockpile in same manner as loading truck
- ☐ When forming a small pile the loader bucket is as low as possible and material is rolled from bucket
- ☐ Each bucket of material is taken and dumped in the same manner and placed uniformly over the preceding one
- ☐ Sample stockpile is 10 to 15 t

Mixing

- ☐ Loader bucket begins mixing at end of oblong pile
- ☐ Loader bucket is as low as possible and pushed into the material until front of bucket is past the midpoint
- ☐ Loader bucket is then slowly raised and rolled forward
- ☐ Mixing procedure is repeated at the opposite end of pile

Sampling

- ☐ Sample locations are approximately one-third of the height of the pile
- ☐ At least 6 full shovels or sampling tubes of material taken at equal increments around the pile
- ☐ When shovel is used, it is inserted full-depth horizontally into the material and raised vertically

NA - Not Applicable

X - Requires Corrective Action

√ - Satisfactory

Acceptance Technician

INDOT

Date

Comments _____